

ENGINEERING DATA LIST		DATE 24 Oct 01		PAGE 1 OF 1 PAGE		
NSN 5342-00-312-4612 SX	REFERENCE NUMBER 372518-3	CAGE AND NAME 98897 LOCKHEED MARTIN CORP.		NOUN BRKT, MLG DOOR MECHANISM		
APPLICATION C-130 ACFT	TECHNICIAN / ENGINEER R FOWLER	PURCHASE REQUEST NUMBER		PREPARING ACTIVITY / PHONE WRALC/TILCC (478) 926-1183		
NOTE: *FURNISH CODES: S-FURNISHED WITH THIS SOLICITATION; M - UNDIMENSION OR STABLE BASE COPY REQUIRED. REFERENCE COPY FURNISHED FOR INFORMATION. WORKING COPY TO BE FURNISHED SUCCESSFUL BIDDER. P-PHOTO COPY REQUIRED. R - FURNISHED ON CONTRACTOR REQUEST WITH PCO APPROVAL; O-CONTRACTOR MUST ACQUIRE.						
DOCUMENT NUMBER / NAME	CAGE CODE	REV	NR SHEETS	FURN CODE*	DIST CODE	REMARKS / NOTE REFERENCE
372518	98897	F	2	S	-	(-3) BRACKET
363174 (NOT REQUIRED)	98897					
G-14 (NOT REQUIRED)	98897					FINISH SPEC.
0471 (NOT REQUIRED)	98897					FINISH SPEC.
0701 (CANCELLED)	98897					USE STP 51-400
STP 51-400	98897	D	36	S	-	MACHINING SPEC.
G-620 (CANCELLED)	98897					USE DS 30001
DS 30001	98897	F	18	S	-	CASTING & FORGING SPEC.
0227 (NOT REQUIRED)	98897					USE MIL-STD-130
DS 5025	98897	AB	25	S	C	DRAWING INTERPUTATION
0562	98897	D	14	S	-	FORGING SPEC.
STP 51-501	98897	K	13	S	-	SHOT PEENING SPEC.
FINISH:						
"AA"-MIL-A-8625, TY II, CLS I						ANODIZE, SULFURIC ACID
"17"- MIL-C-8514						PRIMER WASH
"1"- MIL-PRF-23377, TY I, CLS C						PRIMER, EPOXY
"28"- TT-P-2760, TY I, CLS C	(1 CT)					COROGUARD 14
"28"- MIL-PRF-85285, TY I	(2 CT)					COROGUARD 14 (CONTINUED)
REMARKS / NOTES (Continue on WR-ALC/TIL FORM 0-762A)						
7075-T73 BAR OR STOCK MAY BE SUBSTITUTED FOR 991 FORGING.						
SPARES CONFIGURATION: PER DRAWING EXCEPT OMIT (5) LOCKBOLT HOLES, (3) RIVET HOLES & (4) BOLT HOLES.						
SEE ATTACHED GENERAL NOTES FOR APPLICABLE INFORMATION.						

FIRST ARTICLE REQUIREMENTS <i>(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)</i>			1. DATE 20011105
2. PIR/MIPR NUMBER	3. PART NUMBER 372518-3	4. NSN 5342-00-312-4612	
5. FIRST ARTICLE QUANTITY THE FIRST ARTICLE IS <u>2</u> UNIT(S) OF LOT/ITEM			
AND WILL BE: <input type="checkbox"/> PART OF PRODUCTION QUANTITY <input checked="" type="checkbox"/> IN ADDITION TO PRODUCTION QUANTITY			
6. ARTICLES <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT SERVE AS A MANUFACTURING STANDARD		7. LONG LEAD TIME ITEMS <input type="checkbox"/> REQUIRED <input checked="" type="checkbox"/> NOT REQUIRED <i>(See FAR 52.209-3 or -4, alternate II)</i>	
8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES <i>(See FAR 52.209-3 or -4 Alternate I)</i> <input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED <p style="font-size: small;">"The First Article offered must be manufactured at the facilities in which that item is to be produced under the contract, or if the First Article is a component not manufactured by the contractor, such component must be manufactured at the facilities in which the component is to be produced for the contract. A certification to this effect must accompany each First Article which is offered."</p>			
9. TEST/INSPECTION REQUIREMENTS A. <input type="checkbox"/> CONTRACTOR TESTING <input checked="" type="checkbox"/> GOVERNMENT TESTING Performance or other characteristics which the First Articles must meet are <u>Form Fit and Function required</u> <hr/> B. The detailed technical requirements for First Article approval tests are contained in _____ <i>(Cite Spec and Para number)</i> C. <input type="checkbox"/> TEST PLAN REQUIRED (1) DD Form 1423 ELIN _____ (2) Delivery due _____ s from date of contract. (3) Number of days for government approval/disapproval _____ days. D. Contractor's notification to ACO and _____ <i>(Requesting Activity)</i> of test time and location due da _____ of testing. E. <input type="checkbox"/> TEST REPORT REQUIRED (1) DD Form 1423 ELIN _____ (2) Due _____ /s from date of contract. (3) Forwarded to _____ (4) Government written notice of approval/disapproval due _____ days after receipt of contractor's report.		F. FIRST ARTICLE DELIVERY: (1) Due within <u>180</u> calendar days from date contract. (2) Notify <u>15</u> calendar days prior to shipment. (3) Delivered to government at _____ _____ <i>(Set Forth Consignee and Address)</i> (4) Government written notice of approval/disapproval within <u>75</u> days after receipt of first article package. G. Estimated cost of government testing/inspection evaluation. \$ <u>\$2,375.00</u>	
10. DISPOSITION OF FIRST ARTICLES <input checked="" type="checkbox"/> Approved First Articles will be forwarded to <u>Supply</u> <input type="checkbox"/> _____ <i>(activity)</i> . First Articles will be expended in testing. Residual components of disapproved First Articles returned to the contractor/ <input type="checkbox"/> will be retained by _____ pending disposition instructions from the contractor. <input type="checkbox"/> First Articles will be installed on aircraft/equipment to determine proper fit/function. Approved article will remain on the aircraft/equipment and will not be forwarded to USAF Supply, but will be considered part of the contract quantity. <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <input type="checkbox"/> Disapproved First Articles will be returned to the contractor/ <input type="checkbox"/> will be retained by _____ pending disposition instructions from the contractor <input type="checkbox"/> On purchase requests designated as direct shipments the following disposition will apply. (NOTE: Always applicable on Foreign Military Sales (FMS)). a. Approved First Articles will be returned to the contractor for shipment with production item. b. Disposition of disapproved First Articles will remain the same as marked above. </div> <div style="width: 45%;"> <input checked="" type="checkbox"/> Other Disposition: <u>SEE BLOCK 12 (REMARKS)</u> </div> </div>			

11. CONDITION(S) FOR WAIVER OF FIRST ARTICLE APPROVAL

- a. ☐ Offerors who have previously furnished production quantities of the same or similar article to the prime contractor for delivery to the _____ Government, _____ DoD, _____ Air Force.
- b. ☐ Offerors currently in production of the same or similar article for a _____ Government, _____ DoD, _____ Air Force contract and who have received First Article approval under the existing contract.
- c. ☐ Offerors who have previously furnished production quantities of the same or similar articles to the _____ Government, _____ DoD, _____ Air Force, provided articles thus furnished, have exhibited satisfactory performance in service in the opinion of the Air Force.
- d. ☒ Provided not more than 24 months have elapsed since completion of the contract.
- e. ☐ First Article testing will not be waived.
- f. ☒ See Remarks in block 12 below.

NOTE TO BUYER: UNDER CONDITIONS A AND C ABOVE, THE COGNIZANT ENGINEERING ACTIVITY WILL DECIDE WHETHER OR NOT THE ITEM HAS EXHIBITED SATISFACTORY PERFORMANCE IN SERVICE AND PREPARE AND RETAIN SUPPORTING DOCUMENTATION TO FULLY JUSTIFY THIS DECISION. THE BUYER MUST SOLICIT DUAL PRICES (*That is, both with and without requirement for first article approval*) AND MUST FURNISH THE COGNIZANT ENGINEERING ACTIVITY WITH THE FOLLOWING INFORMATION ON THE PREVIOUSLY SUPPLIED ARTICLE:

A. PROCURING OFFICE

B. CONTRACT NUMBER

C. DATE OF CONTRACT

D. SPECIFICATION NUMBER AND REVISION

12. REMARKS

One First Article will be expended in testing, residual components of disapproved First Articles will not be returned to the contractor. One First Article will be retained by the government, pending disposition instructions from the Contractor Officer.

For government testing, First Articles shall be retained by the government, pending disposition instructions from the Contractor Officer.

13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING AND/OR APPROVING TEST (*Name, Organization, Phone*)
Greg Bolton LBRSI DSN 468-2715

14. PR INITIATOR (*Name, Organization, Phone*)

INSTRUCTIONS FOR COMPLETION OF FIRST ARTICLE TEST REQUIREMENTS (AFMC Form 260)

BLOCKS 1 - 4 AND 14. WILL BE COMPLETED BY THE INITIATOR OF PURCHASE REQUEST.

BLOCKS 5 THRU 11, AND 13. WILL BE COMPLETED BY THE ENGINEER AND/OR EQUIPMENT SPECIALIST. IF LOCAL PURCHASE, INITIATOR OF PURCHASE REQUEST SHALL COMPLETE.

BLOCKS 1 THRU 4. SELF-EXPLANATORY

BLOCK 5. INSERT QUANTITY OF FIRST ARTICLE TO BE TESTED. INDICATE WHETHER THE FIRST ARTICLE ITEM IS PART OF OR IN ADDITION TO THE PRODUCTION QUANTITY. *(Normally the First Article in "Contractor Testing" are delivered (if not destroyed) with the production items.)* PER FAR 9.301 FIRST ARTICLE MEANS PREPRODUCTION MODELS/SAMPLES, INITIAL PRODUCTION SAMPLES, TEST SAMPLES, FIRST LOTS, PILOT MODELS OR PILOT LOTS.

BLOCK 6. INDICATE WHETHER OR NOT THE FIRST ARTICLE WILL SERVE AS A MANUFACTURING STANDARD. *(FAR 9.306(h)).*

BLOCK 7. SEE FAR 52.209-3 OR -4, ALTERNATE II.

BLOCK 8. SEE FAR 9.308

BLOCK 9. MUST BE CHECKED TO INDICATE WHETHER THE CONTRACTOR OR THE GOVERNMENT IS TO PERFORM TESTING. *(FAR 9.306)*

- A. THE SPECIFIC PARAGRAPH(S) OF THE SPECIFICATION MUST BE INCLUDED OR THE PARTICULAR REQUIREMENTS CITED.
- B. THE SPECIFIC PARAGRAPH(S) OF THE SPECIFICATION MUST BE INCLUDED OR THE PARTICULAR REQUIREMENTS CITED.
- C. THIS PARAGRAPH IS OPTIONAL AND IS REQUIRED ONLY WHEN A TEST PLAN IS REQUIRED. THE REQUIRED ENTRIES ARE SELF-EXPLANATORY.
- D. THE "NUMBER OF DAYS" ENTRY SHOULD BE FAR ENOUGH IN ADVANCE OF THE TESTING TO PERMIT ANY GOVERNMENT REPRESENTATION AT THE TESTING SITE.
- E. THIS PARAGRAPH IS SELF-EXPLANATORY. *(NOTE: All dates must be realistic and include adequate production and administrative lead times.)*
- F. (1). THE DELIVERY DATE MUST BE REALISTIC AND INCLUDE ADEQUATE PRODUCTION AND ADMINISTRATIVE LEAD TIMES.

(2). THIS NOTIFICATION SHOULD BE NO LESS THAN TEN DAYS.

(3). ENTER ADDRESS WHERE FIRST ARTICLE IS TO BE DELIVERED FOR TESTING.

(4). THIRTY DAYS OR LONGER NOTIFICATION MUST BE CONSIDERED WHEN GOVERNMENT TESTING REQUIRES SPECIAL FIXTURE AND/OR AIRCRAFT.
- G. THIS ESTIMATE SHOULD BE AS ACCURATE AS POSSIBLE AND INCLUDE GOVERNMENT LABOR COSTS FOR TESTS; TOOLS/TEST EQUIPMENT; GOVERNMENT TEST FACILITY USE; TDY COSTS, TRANSPORTATION OF FIRST ARTICLE TO TEST SITE; GOVERNMENT EVALUATION OF CONTRACTOR TEST REPORT; ETC.

BLOCK 10. APPLIES TO GOVERNMENT TESTING. APPLIES TO CONTRACTOR TEST ONLY IF ITEMS ARE NOT SUBMITTED AS PRODUCTION UNITS, IN THESE CASES CITE DISPOSITION.

BLOCK 11. SELF-EXPLANATORY. SIMILAR ARTICLES ARE THOSE WHICH, FOR PURPOSE OF MANUFACTURE, ARE SUBSTANTIALLY THE SAME AS THE ITEM BEING PURCHASED *(For example, items that differ only in size or in place of operation (i.e., left vs right side of aircraft)).*

BLOCK 12. SELF-EXPLANATORY.

BLOCK 13 AND 14. SELF-EXPLANATORY.

FIRST ARTICLE JUSTIFICATION

NSN: 5342-00-312-4612

P/N: 372518-3

NOUN: BRACKET

USED ON: C-130

A First Article Inspection is required due to the following item characteristics:

(x) Critical to safety/operations: _____

(x) First competitive procurement, data unproven: FF&F REQUIRED TO PROVE THE DATA.

(x) Forging, casting, extrusion _____.

(x) Close tolerance/precision machining _____

() Bonded-panel: _____

() Complex contours requiring loft/mylar data: _____

() Requires numerical controlled equipment to manufacture: _____

(x) Critical characteristics not verifiable by normal testing: _____

First Article required to ensure contractor's capabilities to manufacture Air Force Spares per data requirements.

We the Engineering organization who manages this item, is not reasonably assured that this contractor can produce a product that conforms to all contract requirements for acceptance. We have, therefore, determined that the contractor must demonstrate the capability to produce an acceptable item IAW FAR 9.303 and AFCMI 64-110. Demonstration of the contractor's ability, prior to production as provided only by F/A testing, is also necessary since it provided significant benefits to and protects both the government and the contractor. When deficiencies are not found until after production has started the flexibility to correct data errors, material deficiencies, manufacturing errors, etc., without significant impact is lost. If contract termination becomes necessary, major litigation would be involved.

Approved for F/A requirements where PR is less than \$25,000:

ENGINEER: Greg Bolton

DATE: 05 NOV 01

LBLRS (SUPV): N/A

DATE: N/A

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GENERAL NOTES:

☒ ALL GOVERNMENT DOCUMENTS (I.E., MIL-SPECS, FED SPECS, STANDARDS, ETC.) NOTES, CITED, OR OTHERWISE REFERENCED IN THIS PROCUREMENT PACKAGE ARE STIPULATED IN DOD INDEX OF SPECS AND STANDARDS. CONTRACTOR MAY OBTAIN COPIES OF SPECIFICATIONS AND STANDARDS BY WRITING TO THE *DEPARTMENT OF THE NAVY, STANDARDIZATION DOCUMENT DESK, 700 ROBBINS AVENUE, BUILDING #4, SECTION D, PHILADELPHIA PA 19111-5094*. WHEN A CANCELLED GOVERNMENT DOCUMENT IS SUPERSEDED BY ANOTHER GOVERNMENT DOCUMENT, THE SUPERSEDING GOVERNMENT DOCUMENT WILL BE IN EFFECT UNLESS OTHERWISE SPECIFIED WITHIN THIS DOCUMENT (AFMC FORM 762).

☐ DRAWINGS IDENTIFIED WITH FURNISH CODE "M" ARE PROVIDED HEREIN FOR REFERENCE ONLY. THE SUCCESSFUL BIDDER UPON HIS REQUEST TO THE PROCUREMENT CONTRACTING OFFICE WILL BE FURNISHED A FULL SCALE DRAWING ON ALL STABLE MATERIAL.

☒ THIS DATA PACKAGE CONTAINS THE OUTLINE DIMENSIONS AND PERFORMANCE REQUIREMENTS NECESSARY TO MANUFACTURE THIS ITEM. THE SUCCESSFUL BIDDER MUST HAVE THE ENGINEERING CAPABILITIES NECESSARY TO FABRICATE, TEST, AND FURNISH AN ACCEPTABLE AIR FORCE SPARE WHILE COMPLYING WITH ALL PERFORMANCE SPECIFICATIONS. THE FINISHED PRODUCT(S) MUST MEET FORM, FIT, AND FUNCTION REQUIREMENTS.

☐ THE SUCCESSFUL BIDDER MUST ACQUIRE THE BASIC PART NUMBER FROM THE MANUFACTURER AND SCREEN THE PART IN ORDER TO MEET ALL THE NECESSARY PERFORMANCE REQUIREMENTS OF THIS DATA PACKAGE.

☐ THE CONTRACTOR MUST ADHERE TO SPECIFICATION CONTROL OR SOURCE CONTROL DRAWING(S). THE ITEMS MUST BE PROCURED FROM THE LISTED VENDORS. ANY DEVIATION AND/OR MODIFICATION MUST BE APPROVED BY THE CONTRACTING OFFICER FOR SUBSTITUTION FROM OTHER THAN SUGGESTED/APPROVED SOURCES.

☐ IN AREAS WHERE THE MIL-C-83286 URETHANE TOP COAT VIOLATES ENVIRONMENTAL CONTROL LAWS, MIL-C-85285, TYPE I, POLYURETHANE TOP COAT MAY BE USED.

☐ THESE DOCUMENTS CONTAIN A LEGEND IDENTIFYING THE DATA AS PROPRIETARY TO THE LOCKHEED AIRCRAFT CORP (LAC). LAC AUTHORIZED THE GOVERNMENT TO USE THE DATA IN THE PROCUREMENT OF C141 AIRCRAFT SPARES AND MAINTENANCE. ACCORDINGLY, THE DATA MAY BE USED IN THE MANUFACTURE OF THE PART(S) IDENTIFIED HEREIN.

☐ THE USE OF POLYVINYLCHLORIDE (PVC) INSULATED WIRING IS PROHIBITED. MIL-HDBK-454, GUIDELINE 71, PARA 4.3.3 APPLIES. MATERIALS ACCEPTABLE AS INSULATION ON WIRING OR SLEEVING ARE AS STATED IN MIL-STD-1587C, PARA 5.2.7. THE INSULATION MATERIAL REQUIREMENTS OF MIL-STD-1587, PARA 5.2.7 TAKE PRECEDENCE OVER ANY PVC INSULATION MATERIAL REQUIREMENTS REFERENCED IN THE DRAWINGS LISTED.

☐ THE SUCCESSFUL BIDDER SHALL HAVE THE NECESSARY ENGINEERING/TECHNICAL SKILLS AVAILABLE TO INTERPRET LOFT/MYLAR DATA AND DESIGN SPECIAL TOOLING NECESSARY TO MANUFACTURE THIS ITEM.

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☐ FINISHED PARTS SHALL EITHER BE GRIT BLASTED PER PS12040, LIQUID HONED PER PS12045, OR ALKALINE CLEANED PER PS12030, TYPE III.

☐ WHERE SPECIFIED, CHEM MILLING IS MANDATORY.

☐ DIGITAL LOFT DATA IS AVAILABLE AS INITIAL GRAPHICS EXCHANGE SPECIFICATIONS (IGES) FILES FOR DIRECT INPUT TO CAD/CAM SYSTEMS. THE SUCCESSFUL BIDDER, UPON WRITTEN REQUEST TO THE PROCUREMENT CONTRACTING OFFICER (PCO), MAY OBTAIN THIS DATA FOR MANUFACTURING PURPOSES.

☐ DATA MAY BE USED AND DISSEMINATED AS NECESSARY TO DETERMINE WHETHER OR NOT THE POTENTIAL OFFEROR WILL PROPOSE AND/OR PREPARE A PROPOSAL PROVIDED THE OFFEROR COMPLIES WITH THE RESTRICTIONS SET FORTH HEREIN, EXPORT CONTROL LAWS, AND OTHER APPLICABLE LAWS. AUTHORIZATION WAS RECEIVED ON _____.

☒ WARNING—THIS DOCUMENT CONTAINS TECHNICAL DATA WHOSE REPORT IS RESTRICTED BY THE ARMS EXPORT CONTROL ACT (TITLE 22, U.S.C., SEC 2751, ET SEQ.) OR THE EXPORT ADMINISTRATION ACT OF 1979, AS AMENDED, TITLE 50, U.S.C., APP. 2401 ET SEQ. VIOLATORS OF THESE EXPORT LAWS ARE SUBJECT TO SEVERE CRIMINAL PENALTIES (SEE ATTACHMENT 1).

☒ AS APPLICABLE, ALL CONTRACTOR DOCUMENTS WHICH REFERENCE QUALIFICATION BY THE PRIME ARE CHANGED TO READ, "QUALIFICATION BY THE GOVERNMENT SHALL BE CONDUCTED AS IDENTIFIED HEREIN".